Patent Abstracts of Japan

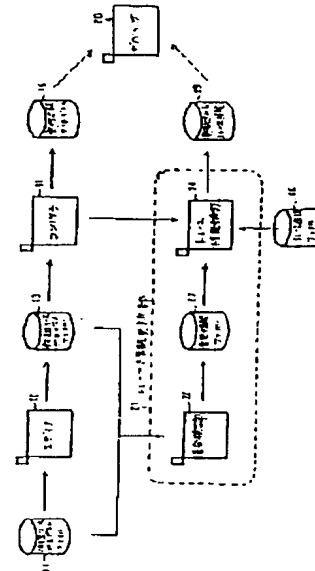|	
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TITLE	: SYSTEM FOR UPDATING TRACE INFORMATION

ABSTRACT : PURPOSE: To automatically update trace information according to a corrected source program by paying attention to the difference of the change of a source program and updating trace information according to the source program after changing.

CONSTITUTION: When the debug of the program is performed, a conventional source program file 11 is corrected by using an editor 12, a new source program 13 is generated, a compiler 14 is started, and an executable program 15 is generated. On the other hand, the difference between the conventional source program file 11 and the new source program file 13 is taken in a trace information update part 21, the difference between the conventional and the new source programs is analyzed in a difference undetectable part 22 to acquire change information in a change information file 23. Thus, every time when the new source program file 13 is referred to by the compiler 14, the trace information on a trace information file 16 can be automatically updated according to a new program based on the change information of a change information file 23 in a trace information conversion part 24.